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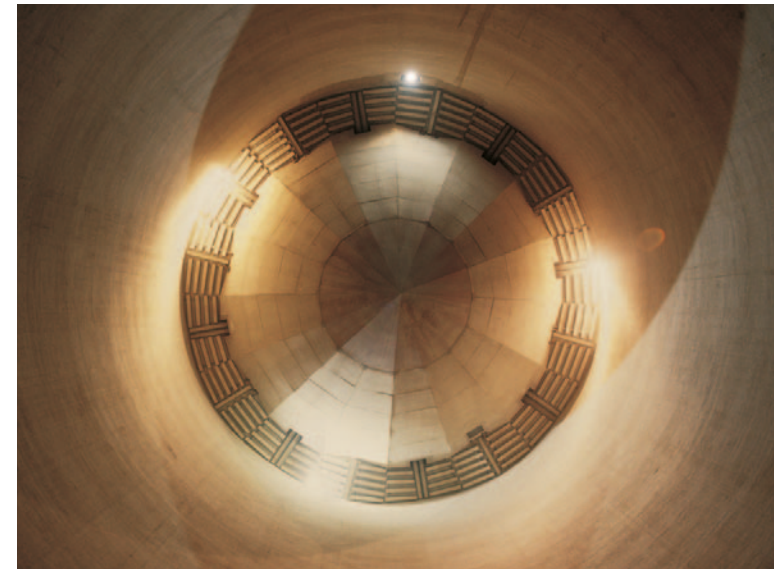52100 Kuala Lumpur, Malaysia
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CEMENTING A
STRONGER BOND

XYLOSCAN
Fast.Precise.Safe

THE FUTURE OF
SILO DIAGNOSTICS

A HAVER & BOECKER Company

WHO ARE WE?

IBAU HAMBURG based in Germany is well known for their trademark Central Cone Storage Silos and has over 45 years of worldwide experience in engineering solutions for bulk storage silos, pneumatic conveying systems, bulk terminals and ship unloaders.

Specialized in Silo Technology, IBAU HAMBURG has innovated the XYLOSCAN technology for 3D silo survey with the objective to increase silo efficiency, operation, maintenance and to provide solutions for many common problems of bulk material storage systems.

XYLOSCAN is the future of silo diagnostics!

DO YOU HAVE?

- Silos with low storage volumes?
- Material discharge problems in silos?
- High dead stocks and lumps in silos?
- Non-uniform material flow?
- Discrepancies in material stock level?
- Cost overrun for silo cleaning?
- Silo maintenance issues due to lack of diagnostics tools?
- Civil and structural failures?

XYLOSCAN TECHNOLOGY WILL DETECT YOUR PROBLEMS

WHAT ARE THE APPLICATIONS?

- 3D surface mapping for material distribution and flow pattern analysis
- Identification of dead stock and coated areas
- Technical audit for silo operation and maintenance
- Material stock "area" and "volume" calculation
- 3D material model to approach silo cleaning
- Forensic engineering for structural failures
- Reverse engineering for design upgrading works
- As-built 3D scan model
- VR for training
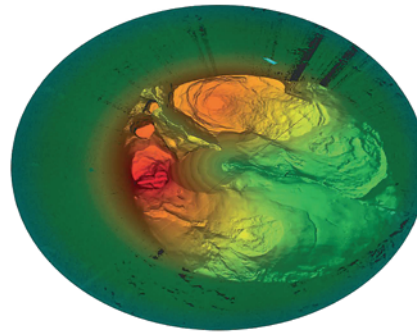
Silo view from top showing material distribution and flow pattern
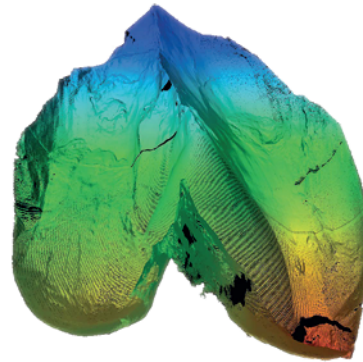
Material elevation view with colored spectrum for enhanced visual
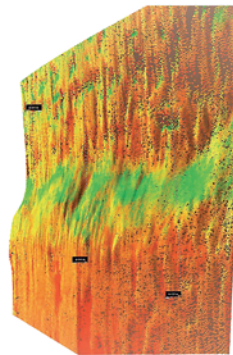
In depth visual of the internal wall coating with scale

Super Imposed image of 3D Point Clouds and Slio 3D model at scale 1:1